

EH66/EH66X

Environmental Enclosures

Installation/Operation Manual

C411M-D (1/96)

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REVISION HISTORY

<u>Manual #</u>	<u>Date</u>	<u>Comments</u>
C411M	8/88	Original Manual
C411M	5/91	Revision A. Revised to include new series models; cable distance information, and the addition of the WW66 installation information as well as new manual format
C411M	11/92	Revision B. Revised to include new wiring diagram information for accessory kits as well as WW66 motor installation/mounting information.
C411M-C	2/95	Revision C. Manual revised to include new dimension drawing; the addition of rubber grommet to WW66 BOM as per ECO #94-091; changes to the WW66 exploded view diagram as per ECO #94-233; installation instructions incorporated as per ECO #92-129; completely new EH66 exploded assembly drawing with new materials list; new mounting hole dimension drawing and window wiper assembly drawing as per ECO #93-200; and minor corrections to wiring diagram.
C411M-D	1/96	Revision D. Manual revised to include new wiper/washer pump as per ECO 95-431.

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INSTALLATION/OPERATION MANUAL MODEL EH66/EH66X SERIES ENVIRONMENTAL ENCLOSURES

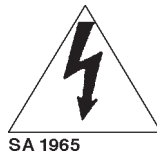
1.0 WARNINGS

Prior to installation and use of this product, the following WARNINGS should be observed.

1. Installation and servicing should only be done by Qualified Service Personnel and conform to all local codes.
2. Unless the unit is specifically marked as a NEMA Type 3, 3R, 3S, 4, 4X, 6, or 6P enclosure, it is designed for indoor use only and it must not be installed where exposed to rain and moisture.
3. Only use replacement parts recommended by Pelco.
4. After replacement/repair of this unit's electrical components, conduct a resistance measurement between line and exposed parts to verify the exposed parts have not been connected to line circuitry.
5. The installation method and materials should be capable of supporting four times the weight of the enclosure, pan/tilt, camera and lens combination.

The product and/or manual may bear the following marks:

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.



CAUTION:
TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.



CAUTION:
RISK OF ELECTRIC SHOCK.
DO NOT OPEN.

Please thoroughly familiarize yourself with the information in this manual prior to installation and operation.

2.0 SCOPE

The information contained within this manual covers the EH66/EH66X Series environmental enclosure.

3.0 DESCRIPTION

The EH66 Series is an all-weather environmental enclosure for 2/3" and 1" cameras with a maximum camera/lens size of 7" W x 7" H x 22" L (17.7 cm x 17.7 cm x 55.8 cm). Rugged all aluminum construction protects the camera from adverse weather conditions. Built-in sun visor shields the lens from direct sunlight, and a vent cap allows heated air to escape from the interior. Removable lid with four secure latches provides convenient access. Camera is mounted on an adjustable rail/sled. Two adjustable glands in the bottom of the enclosure permit easy cable entry.

The EH66X Series is the same as the EH66 Series except the enclosures have extra length to accommo-

date intensified cameras. The EH66X Series will accept a maximum camera/lens size of 7" W x 7" H x 30" L (17.7 cm x 17.7 cm x 76.2 cm).

Models With The Letters "HB" in the suffix come equipped with a factory installed filtered blower and wired blanket heater with thermostat controls. The heater activates when the internal temperature falls below 40° F (4.44° C). It is electrically insulated from the enclosure and provides 160 watts of heat. The blower provides 105 CFM and activates when the internal temperature reaches approximately 100° F (37.78° C). Internal temperature is reduced when the blower draws ambient air from a filtered intake port, circulates it through the enclosure, and exhausts it out the vent cap.

Models With The Letter "L" in the suffix include tamper resistant locks which are keyed alike.

3.1 CERTIFICATIONS

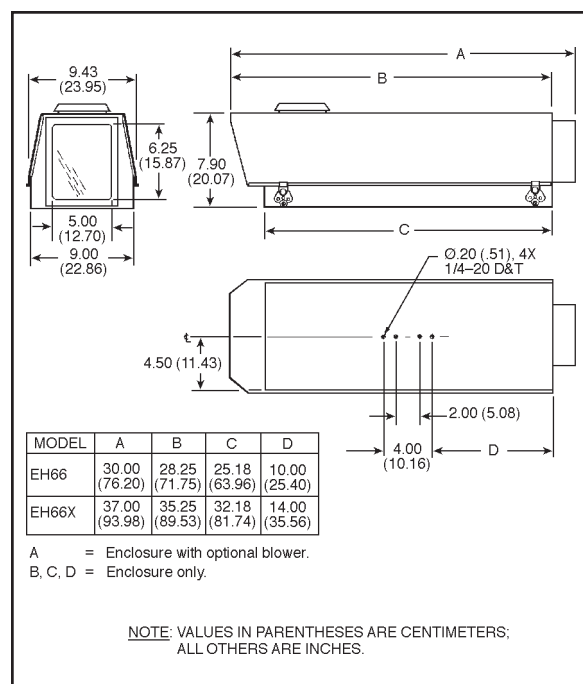


Figure 1. EH66/EH66X Dimension Drawing

Model Number	UL	CE
EH66	X	X
EH66/WW	X	
EH66B	X	
EH66B/WW	X	
EH66BL	X	
EH66H	X	
EH66HB	X	
EH66HB/WW	X	
EH66HB-3		X
EH66HBL	X	
EH66HBL/WW	X	
EH66HL	X	
EH66L	X	X
EH66L/WW	X	
EH66X	X	X
EH66X/WW	X	
EH66XB	X	
EH66XBL	X	
EH66XH	X	
EH66XHB	X	
EH66XHB/WW	X	
EH66XHBL	X	
EH66XHBL/WW	X	
EH66XHL	X	
EH66XL	X	X
EH66XL/WW	X	

4.0 INSTALLATION

Please check the contents of your package(s) for the following items before proceeding with the installation of the equipment.

<u>Quantity</u>	<u>Item</u>
2	1/4-20 x .500 hex head screws to mount camera
1	5/32-inch Allen wrench for adjusting sled
1	Blower assembly (installed on models with "HB" in suffix only)
1	Heater assembly (installed on models with "HB" in suffix only)
2	Keys (for models with "L" in suffix only)

4.1 ELECTRICAL CONNECTIONS – ENCLOSURES WITH BLOWER AND HEATER

Factory installed heater and blower assemblies are factory pre-wired and only require connection of power to the terminal block (see Figure 2). Refer to Section 4.6 for field installed heater/blower kits.

NOTE: In dusty locations, double filters can be installed. Loosen the two Allen head screws at the rear of the enclosure and pull the drawer open. Remove the acorn nuts at the rear of the housing and pull the end plate off for access to the filters.

4.2 INSTALLATION OF CAMERA/LENS

To install the camera/lens, perform the following:

1. Remove the lid by unlatching the two latches on each side.
2. Remove the camera sled from the rail by loosening the two Allen head screws and attach the camera/lens with the 1/4-20 hex head screws provided.

NOTE: Cameras with a low optical centerline or using a large diameter lens require an elevation block (1 inch or 2 inch) for proper positioning. See Section 8.0, Optional Accessories, for the correct model number.

3. Replace the camera/sled assembly onto the rail and slide along the rail to adjust the camera to maximum forward camera position; lock into place by tightening the Allen head screws.

IMPORTANT: Set the focus for the shortest distance to extend the lens to the maximum length before positioning the camera/lens combinations. This will ensure that the lens has enough clearance and will not hit the window during focusing.

4. Loosen the cable gland nuts on the back of the enclosure (1/2-inch gland for video cable, 3/8-inch gland for power cable). Route the camera cables through the appropriate glands and connect to the camera. Wire the enclosure per wiring diagram provided (see Figure 2). Tighten the gland nuts for a snug fit around the cables.

NOTE: The plate holding the two cable glands on the bottom of the enclosure is removable, which allows enough clearance for the connector assemblies to be inserted in or removed from the enclosure. This permits the connectors (i.e., lens connector, video connector, etc.) to be assembled somewhere other than the field and also allows the enclosure to be moved in the field without disassembling all the connectors.

5. Replace the lid and secure the latches.
6. Attach the enclosure to the appropriate mount or pan and tilt using the instructions provided with the mounting equipment.

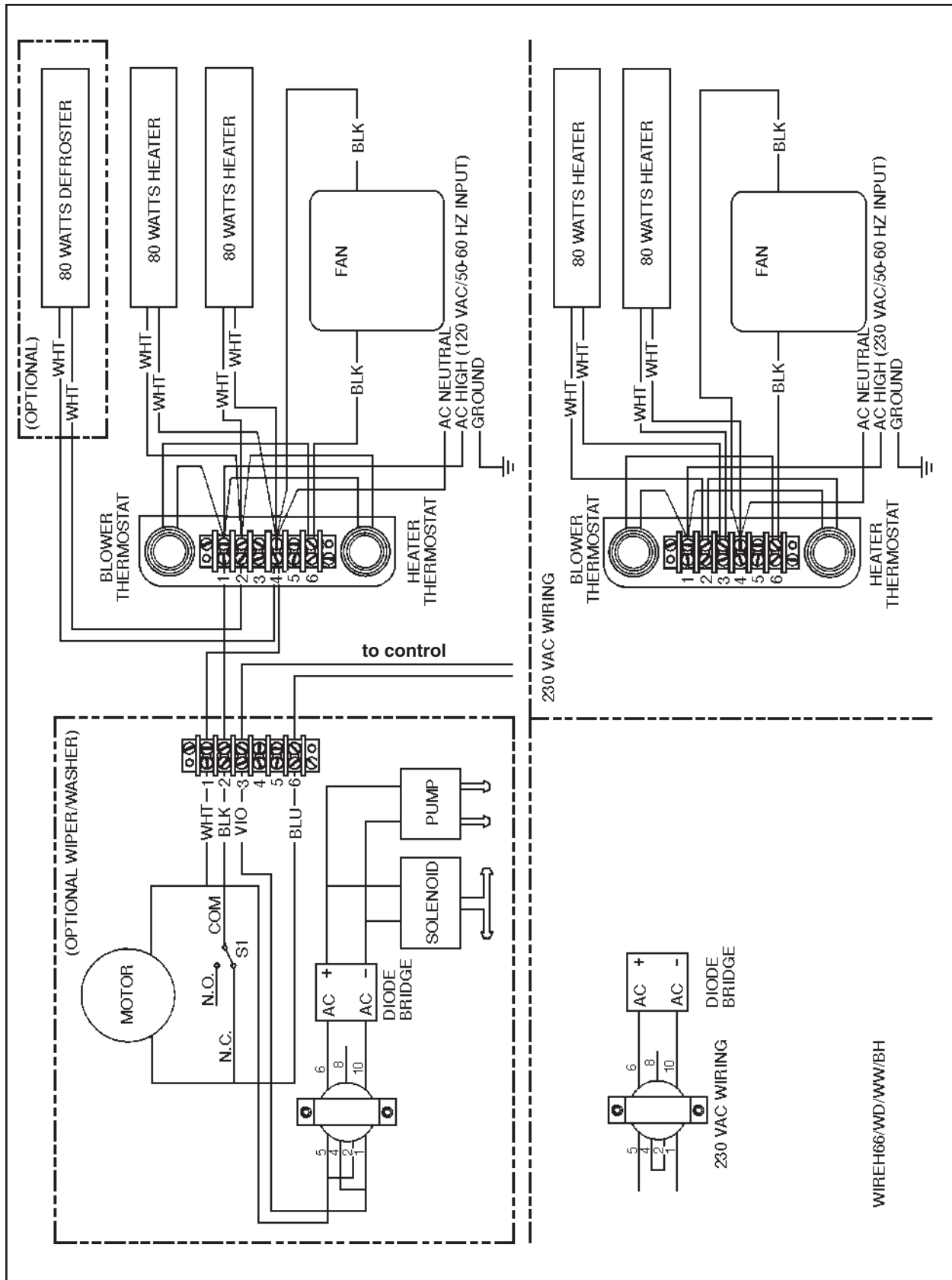


Figure 2. Wiring Diagram for Window Defroster, Wiper/Washer and Blower/Heater Assemblies

4.3 FIXED ENCLOSURE MOUNTING

There are two types of mounts that can be used with the EH66 enclosure: wall, or pedestal/ceiling (see Figures 3 and 4).

Instructions for mounting the enclosure are as follows:

1. Select the appropriate mount (WM2000 for wall mounting or PM2000/PM2010 for pedestal mounting) for the application.

The mount must be equipped with the AH2000 adjustable head for precise positioning of the enclosure.

2. Secure the mount to a suitable load bearing surface. Use fasteners with a minimum 1/4-inch diameter.

3. Attach the adjustable head to the mount.
4. Align the 1/4-20 threaded holes in the bottom of the EH66 enclosure with the holes in the tilt table of the adjustable head. Fasten the enclosure to the table using 1/4-20 fasteners (not to exceed 5/8" in length, minimum two (2)).
5. If you have not already done so, install the camera/lens according to the instructions in Section 4.2 of this manual.
6. Make all necessary electrical connections.
7. Position the enclosure to the desired viewing angle and tighten all fasteners.

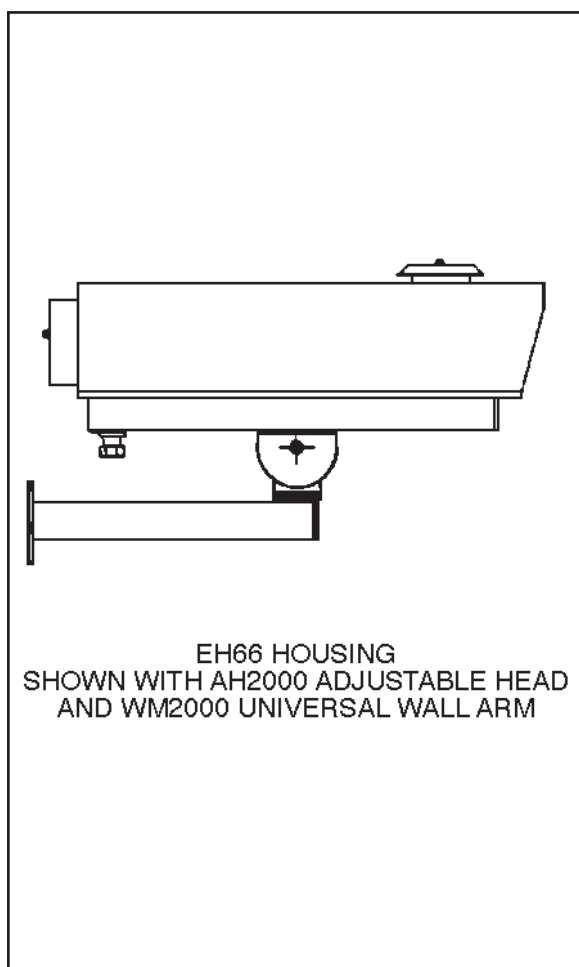


Figure 3. EH66 Enclosure with Wall Mount

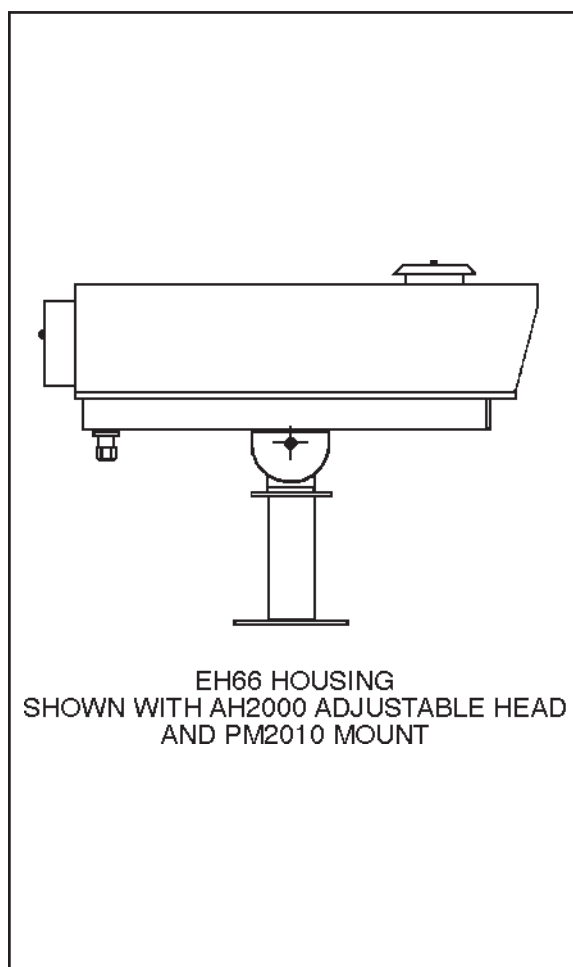


Figure 4. EH66 Enclosure with Pedestal/Ceiling Mount

4.4 PAN/TILT ENCLOSURE MOUNTING

The EH66 enclosure can also be mounted to a pan/tilt assembly in addition to the wall or pedestal/ceiling mount.

To include the pan/tilt assembly in your configuration, perform the following steps:

1. Select the appropriate mount (WM2000 for wall mounting, PM2000/PM2010 for pedestal mount) for the application.
2. Select the appropriate pan/tilt for the application. Considerations must be made as to enclosure options, camera and lens selection, and environmental conditions. All of these will affect the pan/tilt selection.
3. Secure the mount to a suitable load bearing surface. Use fasteners with a minimum 1/4-inch diameter.
4. Attach the pan/tilt to the mount. The pan/tilt control connect should be positioned towards the building/mounting location. Note the "front" label on the pan/tilt.
5. If you have not already done so, install the camera/lens according to the instructions in Section 4.2 of this manual.
6. Balance the enclosure/camera/lens load on the tilt table. Adjust the positioning as needed to align the mounting holes. A minimum of two 1/4-20 x 5/8" fasteners must be used. Secure the enclosure to the tilt table.
7. Make all necessary electrical connections. Be sure to leave an adequate loop of cables between the enclosure and the pan/tilt, and the enclosure and the rigid mount to prevent binding and/or strain on the cables (see Figures 5 and 6).

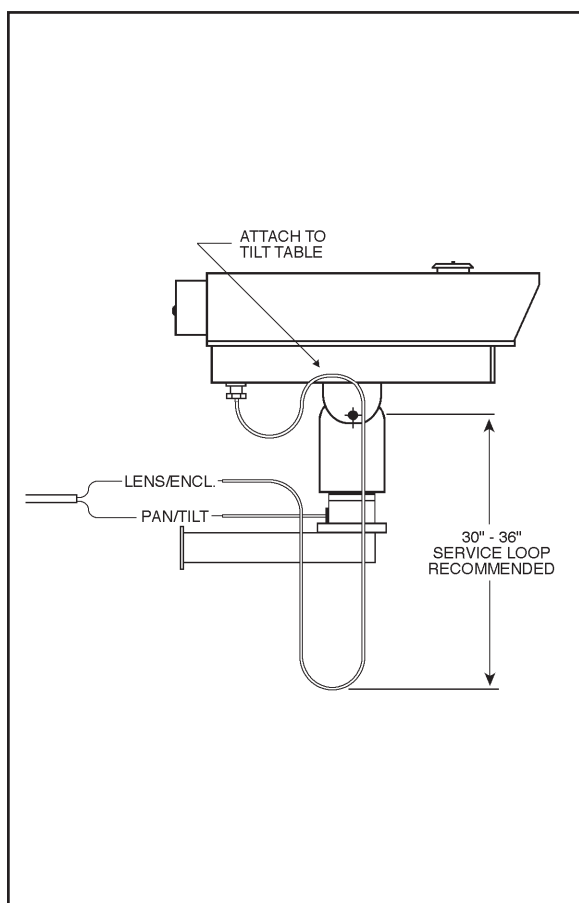


Figure 5. EH66 Enclosure with Pan/Tilt and Wall Mount

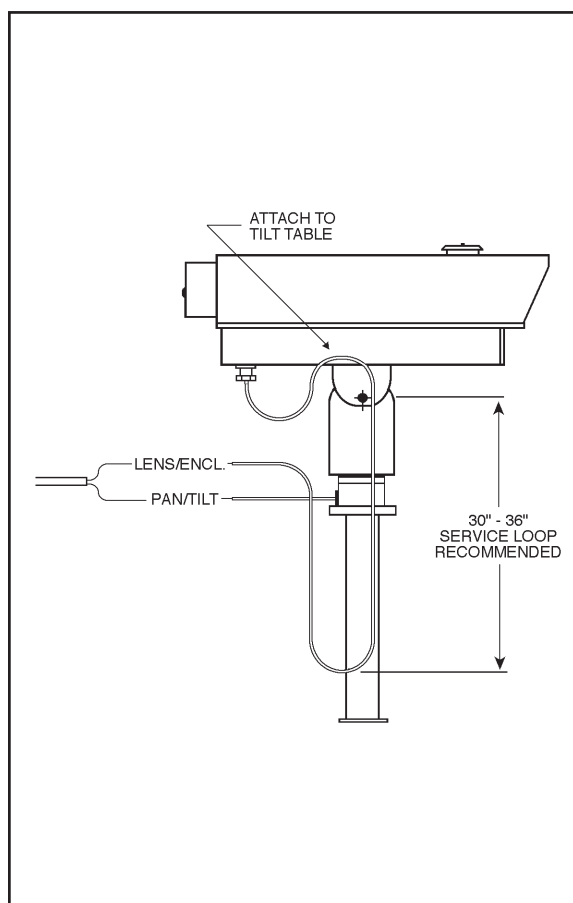


Figure 6. EH66 Enclosure with Pan/Tilt and Pedestal/Ceiling Mount

4.5 WINDOW WIPER INSTALLATION

To install the window wiper kit, perform the following steps and refer to Figures 7 and 8:

1. Turn the EH66 enclosure over so the bottom is facing up.
2. If necessary, lay out the locations of the four (4) .171-inch diameter mounting holes using the dimensions given in Figure 8.
4. Attach the wiper box using the four (4) mounting holes, inserting the wire leads through one of the rubber grommets.
5. Adjust the force of the wiper blade against the glass by applying force to the arms toward the glass or away from glass.
6. Attach wiper wire leads inside the enclosure as shown in Figure 2.
7. Connect cable to wiper box.
8. Attach the water reservoir bottle to the rear of the EH66 enclosure by removing the two (2) top acorn nuts.
9. Place the bottle mount on the protruding studs and replace the acorn nuts.
10. Attach the water hose to the bottle from the wiper.

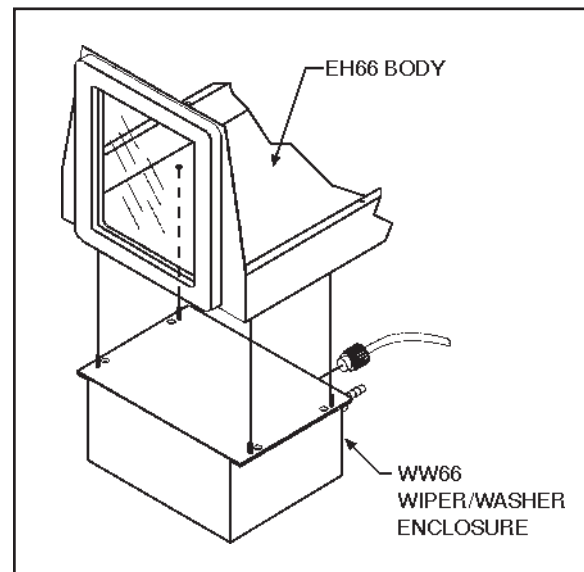


Figure 7. Window Wiper Motor Installation

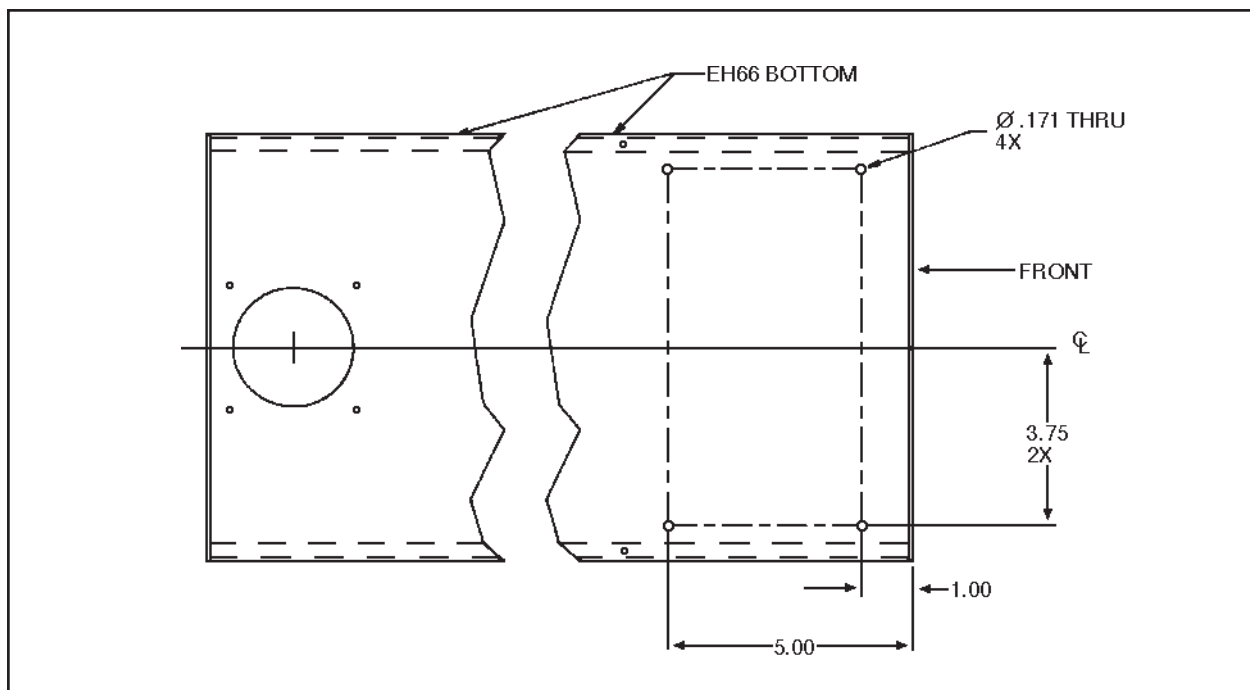


Figure 8. Mounting Hole Dimensions

4.6 B66KIT/E624HB/H66KIT INSTALLATION

All heater and blower kits are supplied partially assembled. Install in the enclosure according to the following instructions:

1. Remove the round cap on the rear of the enclosure and the two (2) 8-32 screws and nuts located on each side of the opening above the horizontal line.
2. Remove the two (2) acorn nuts holding the air box to the heater/blower assembly; remove the air box.
3. Install the assembly in the enclosure utilizing the two (2) open holes for mounting; reinstall the air box on the outside of the enclosure and secure the assembly with the two (2) acorn nuts.
4. Mount the two (2) heater strips onto the sides of the enclosure with the four (4) sheet metal screws provided.
5. Wire input power to the terminal block on the top of the heater/blower assembly as shown in Figure 2.

5.0 CARE AND MAINTENANCE

Maintenance performed at regularly scheduled intervals will help prolong the operational life and appearance of the equipment.

1. Clean the plexi-glass window with a mild nonabrasive detergent in water and a soft cloth regularly to help maintain picture clarity. For a heavily soiled window, use vinyl cleaner.
2. Clean or replace the fiberglass filter pad in the blower assembly periodically. To replace or clean the filter pad, perform the following steps:
 - a. Remove the two acorn nuts at the rear of the housing and pull the end plate off for access to the filter.
 - b. Remove the wire screen and filter pad. Clean the pad with water and mild detergent, dry thoroughly, and reinsert or replace with a new pad. (Replacement pads, part number EH14050COMP, are available from Pelco.)

NOTE: Pelco offers a 24-hour, seven-day-a week Technical Assistance Program (TAP) designed to assist any customer with a technical problem involving Pelco equipment whether it's the weekend or late at night. For technical assistance dial (800) 289-9100 and you will be connected to a Pelco TAP member who is trained to answer your questions.

Pelco also guarantees one-day turnaround on any Pelco equipment sent in for repair. This includes warranty and non-warranty items. Refer to the section on "Warranty and Return Information" in this manual for the proper procedure.

6.0 EXPLODED ASSEMBLY DIAGRAMS

See Figures 9 and 10 for exploded assembly diagrams of the EH66 enclosure and WW66, WW66-5/220 wiper assembly.

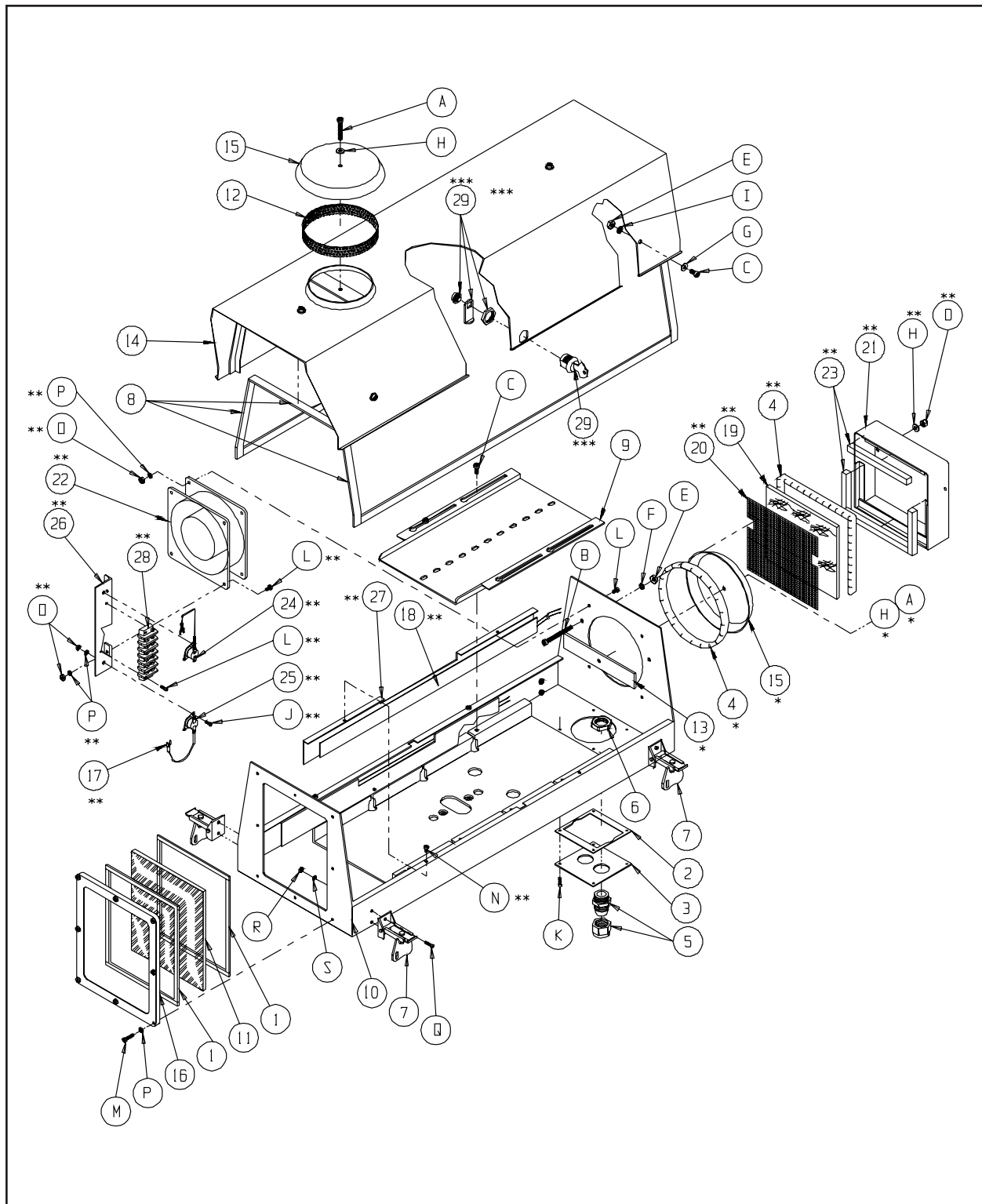


Figure 9. EH66 Enclosure Exploded Assembly Diagram

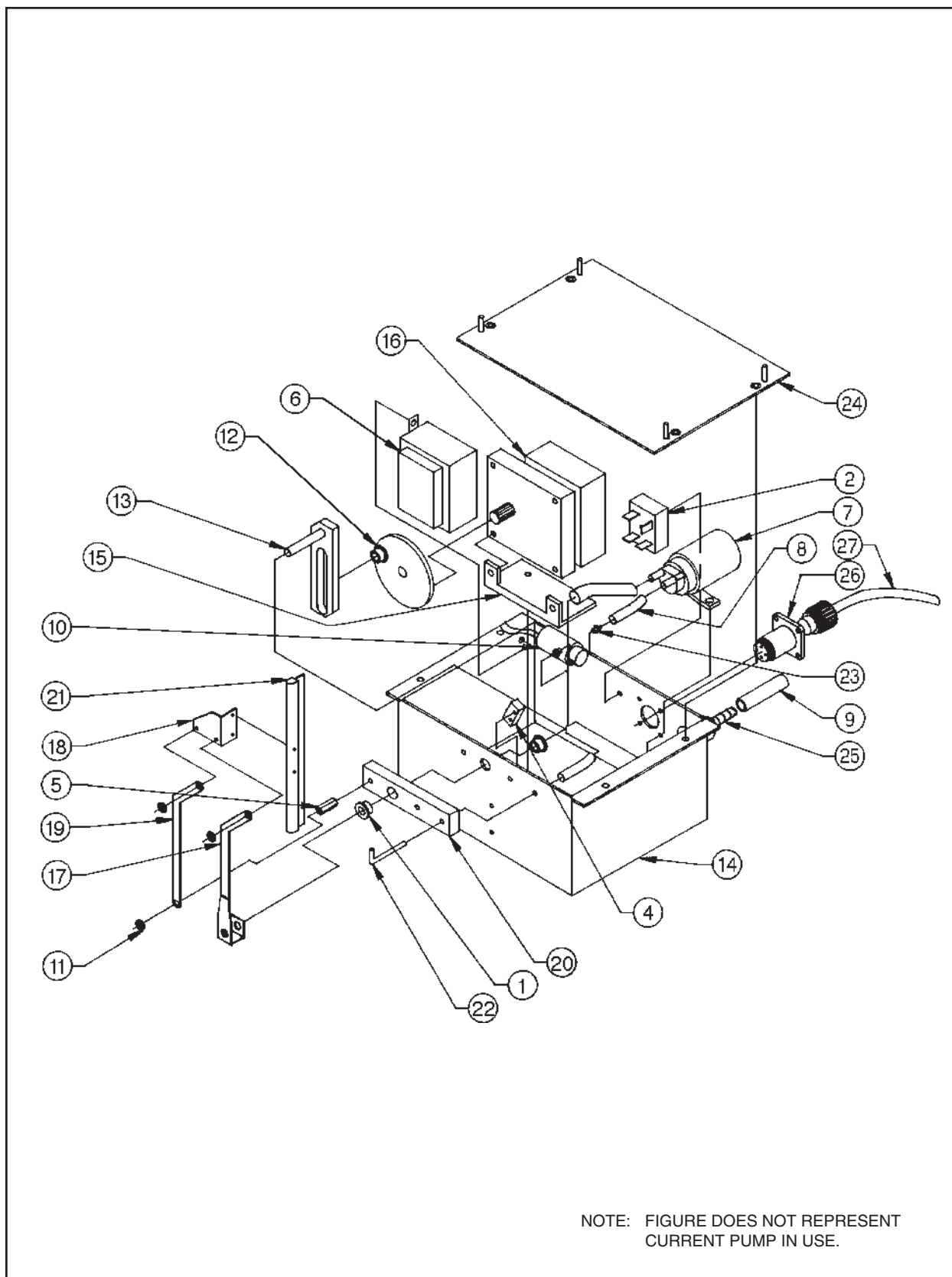


Figure 10. WW66, WW66-5/220 Wiper Exploded Assembly Diagram

7.0 MECHANICAL PARTS LISTS

7.1 MECHANICAL AND ELECTRICAL PARTS LIST FOR EH66 ENCLOSURE

Item No.	Qty	Description	Part Number
1	4	Gasket, Window Frame	EH110042
2	1	Gasket, Cable Entry	EH110072
3	1	Plate, Cable Entry	EH14231COMP
4	2	Gasket, Rim	EH450010000
5	2	Gland, UL, PG-13.5 black	EH470010007B
6	2	Nut, UL Gland, 13.5	EH470010008B
7	4	Fastener, Lid Link Lock	EH550010010B
8	8	Gasket, Poron	EH550010030
9	1	Camera Sled	EH55004100COMP
10	1	Body Weld Assy	EH661000WA
	1	Body Weld Assy (EH66X)	EH66X1000WA
11	1	Glass 1/4 X 5-9/16 X 6-11/16	EH6610051
12	1	Screen Vent Cap	EH664000COMP
13	1	Bar Vent Cap	EH664001COMP
14	1	Lid	EH664228COMP
	1	Lid (EH66X)	EH66X4228COMP
15	2*, 1**	Vent Cap *, **	EH664229COMP
16	1	Frame, Window	EH664230COMP
17	4	Lug, Spade 16-20AWG	CON52929-1**
18	2	Heater Blanket, 1" X 17", 120VAC, 80W	ED210048 **
19	1	Filter, Fiberglass Cut	EH14050COMP **
20	1	Filter Screen	EH14051COMP **
21	1	Air Box	EH14242COMP **
22	1	Fan, Tube 120VAC	EH18013 **
23	1	Gasket, Closed Cell	EH5510042 **
24	1	Thermostat, SC-100-A	EH5510045A **
25	1	Thermostat, OA-60	EH5510049A **
26	1	Bracket, Terminal Block	EH664002COMP **
27	2	Bracket, Heater Strip	EH664003COMP **
28	1	Terminal Block, 6-pos	TRB6-141 **
29	2	Plate Block	EH664104COMP **
A	2*, 1**	Screw, 10-32 X 1.25 Pan Phil SS	ZH10-32X1.25SPS
B	2	Screw, 10-32 X 2.00 Pan Phil SS	ZH10-32X2.00SPP
C	10	Screw, 10-32 X 3/8 Pan Phil SS	ZH10-32X.375SPP
D	2	Nut, Acorn, 10-32 SS	ZH10-32NUTCA
E	6*, 8**	Nut, Hex, 10-32 SS	ZH10-32NUTSH
F	2	Washer, Split Lock Washer	ZH10LWSSL
G	6	Washer, Nylon	ZH200X.437X62N
H	2*, 3**	Washer, Flat #10	ZH204X436X60C
I	6	Internal Tooth Lock Washer #10	ZH10LWSIS
J	4**	Screw, 6-32 X 1/4 Pan Phil	ZH6-32X.250SPP
K	4	Screw, 6-32 X 3/8 Truss SS	ZH6-32X.375STS
L	8**	Screw, 6-32 X 1/2 Pan Phil	ZH6-32X.500SPP
M	8	Screw, 6-32 X 5/8 Pan Phil	ZH6-32X.625SPP
N	4**	Screw, 6-32 X 3/8 Type F, Pan Phil	ZH6-SFX/375SPP
O	4**	Nut, Hex, 6-32	ZH6-32X.32NUTSH
P	12, 16**	Internal Tooth Lock Washer, #6	ZH6LWSIS
Q	8	Screw, 4-40 X 3/8 Pan Phil	ZH4-40X.375SPP
R	8	Nut, Hex, 4-40	ZH4-40NUTSH
S	8	Internal Tooth Lock Washer	ZH4LWSIS

*EH66, EH66X

**EH66HB

***EH66L

7.2 MECHANICAL PARTS LIST FOR WW66 AND WW66-5/220 WINDOW WIPER ASSEMBLY

Item No.	Qty	Description	Part Number
1	3	Bearing	776003
2	1	Diode	DIOPT40F
3	—	Not used	—
4	1	Switch	SWIV3L
5	1	Spacer, 1/4" Hex x .6254-40 tap	SPA8404
6	1	Transformer	TRF21162.01.0CM
7	1	Pump	WW6610031
8	12	Tubing, Vinyl, 1/8 ID x 1/4 OD x in.	WW6610007
9	42	Tubing, Vinyl, 1/4 ID x 3/8 OD x in.	WW6610005
10	1	Solenoid valve	WW650010010
11	3	Spacer Shaft, #84-9	WW6610010
12	1	Roller Plate	WW661006COMP
13	1	Follower Arm	WW661011COMP
14	1	Wiper Washer Enclosure	WW664000COMP
15	1	Bracket, Wiper Motor	WW664001COMP
16	1	Motor, 120 VAC (model WW66)	WW664017COMP
		Motor, 230 VAC (model WW66-5/220)	WW664020COMP
17	1	Wiper Arm	WW664003COMP
18	1	Wiper Blade Clevis	WW664204COMP
19	1	Wiper Idler Arm	WW664005COMP
20	1	Bearing Block	WW664010COMP
21	1	Wiper Blade	WW664214COMP
22	1	Tube, Spray WW66	WW664015COMP
23	2	Fitting, BARBXMNPT	WW650010020
24	1	Lid, Enclosure	WW664016COMP
25	2	Fitting, BARB, 1/4 tube x 1/8 NPT	WW6610008
26	1	4-position CPC pin receptacle	CON206061-1
27	1	Cable, 4-position female	WIRA220036
	1	Bottle, cap, hanger	WW6610004
	1	Bottle cover	WW664900COMP

8.0 OPTIONAL ACCESSORIES

FACTORY INSTALLED

EHRC	Relay module for low voltage control of wiper/washer and camera on/off. Requires MEH24DT control module.
TI66	Thermal insulation provides increased thermal protection for enclosure and contents at extreme temperatures (for model EH66 series only).
T166X	Thermal insulation for model EH66X series.
WD66	Window defroster and defogger, 120 VAC, 80 watt operation, prevents ice buildup or condensation of moisture on the window caused by temperature and humidity. Must be used with heater/blower assembly.
WD66/220	Same as WD66 except 230 VAC, 80 watt operation.
WW66	Window wiper and washer assembly, 120 VAC operation, designed to remove moisture and dirt from the window by remote control. The washer enhances cleaning ability of wiper and has a one quart reservoir for water or antifreeze solution, which is recommended for low temperature applications.
WW66-5/220	Same as WW66 except 230 VAC, 50 Hz.

FIELD INSTALLED

B66KIT	Blower kit, 105 CFM, 13.4 watts at 60 Hz, 120 VAC, for EH66/EH66X enclosures.
BK66KIT/220	Blower kit, 90 CFM, 15 watts at 50 Hz, 230 VAC, for EH66/EH66X enclosures.
E624HB	Heater/blower kit, 24 VAC, for Models EH66/EH66X.
EHCM	Cradle mount for inverted mounting of enclosure when used with PM2000/AH2000 ceiling mount or pan and tilts.

H66KIT Heater kit, 120 VAC, for EH66/EH66X enclosures. (For 230 VAC option, wire heaters in series.)

L66KIT Tamper proof lock kit.

S66 Sun shroud, provides an air space between the sun shroud and the enclosure to protect the enclosure from the direct rays of the sun. Reduces internal temperature approximately 10-15° (for model EH66 only).

S66X Sun shroud for model EH66X.

MISCELLANEOUS

EB1 Elevation block 1", required for cameras having a low optical centerline or using a large diameter lens.

EB2 Elevation block 2", same as EB1, except 2" high.

NOTE: Fasteners to secure mounts are not supplied. (Minimum 1/4" diameter recommended.)

9.0 SPECIFICATIONS

ELECTRICAL

Input Voltage: 120 VAC, 60 Hz (230 VAC optional)

Electrical Connection: 6-pin terminal strip

GENERAL

Construction: 5052H32 aluminum

Finish: Polyester powder coat

Weight: EH66 — 11 lbs (4.98 kg)
EH66X — 14 lbs (6.34 kg)

Dimensions: See Figure 1

Cable Entry: Two adjustable 1/2" sealable glands, mounted on removable plate for ease of assembly.

Latches: Link lock fasteners

Window: 1/4" thick plate glass

Camera Mounting: Adjustable rail/sled

9.1 RECOMMENDED CABLE SIZE

CAUTION: When a single power source is used for both the camera and accessories, the camera power consumption must be taken into consideration when determining the wire gauge.

The following cable sizes are the minimum recommended for use with the combination of defroster/blower/heater/camera. Cable distances specified assume a 10% line voltage loss:

9.2 POWER REQUIREMENTS FOR BLOWER, HEATER, ACCESSORIES

The blower, heater and electrically powered accessories use the following wattage when in operation:

Blower:

24 VAC:	7.2 watts (AC rectified)
120 VAC:	13.5 watts at 60 Hz
230 VAC:	15 watts at 50 Hz

Heater:

120 VAC or	
230 VAC:	160 watts
24 VAC:	75 watts

Defroster

Assembly: 80 watts

Wiper/Washer

Assembly: 95 watts

Camera:

Assuming 7 watts

	Input Voltage	22 Awg	20 Awg	18 Awg	16 Awg
Camera (7 w)	115 220	5,852' 6,526 m	9,306' 10,377 m	14,806' 16,510 m	23,498' 26,203 m
Cam/Wiper (102 w)	115 220	401' 447 m	638' 712 m	1,016' 1,133 m	1,612' 1,798 m
Cam/Wiper/Def (182 w)	115 220	225' 251 m	357' 399 m	569' 635 m	903' 1,007 m
Cam/Heater/Blower (177.5 w)	115 220	231' 258 m	368' 410 m	585' 652 m	929' 1,036 m
Cam/Heater/Blower/Def (257.5 w)	115 220	165' 184 m	263' 294 m	419' 467 m	665' 742 m
Cam/Heater/Blower/Wiper (272.5 w)	115 220	160' 179 m	255' 284 m	406' 453 m	645' 719 m
Cam/Heater/Blow/Def/Wiper (352.5 w)	115 220	119' 133 m	190' 212 m	303' 337 m	480' 536 m

10.0 WARRANTY AND RETURN INFORMATION

PRODUCT WARRANTY AND RETURN INFORMATION

WARRANTY

Pelco will repair or replace, without charge, any merchandise proved defective in material or workmanship **for a period of one year** after the date of shipment.

Exceptions to this warranty are as noted below:

- Five years on FT/FR8000 Series fiber optic products.
- Three years on Genex® Series products (multiplexers, server, and keyboard).
- Three years on Camclosure® and fixed camera models, except the CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and MC3651H-2X camera models, which have a five-year warranty.
- Two years on standard motorized or fixed focal length lenses.
- Two years on Legacy®, CM6700/CM6800/CM9700 Series matrix, and DF5/DF8 Series fixed dome products.
- Two years on Spectra®, Esprit®, ExSite™, and PS20 scanners, including when used in continuous motion applications.
- Two years on Esprit® and VW5700 Series window wiper (excluding wiper blades).
- Eighteen months on DX Series digital video recorders, NVR300 Series network video recorders, and Endura™ Series distributed network-based video products.
- One year (except video heads) on video cassette recorders (VCRs). Video heads will be covered for a period of six months.
- Six months on all pan and tilts, scanners or preset lenses used in continuous motion applications (that is, preset scan, tour and auto scan modes).

Pelco will warrant all replacement parts and repairs for 90 days from the date of Pelco shipment. All goods requiring warranty repair shall be sent freight prepaid to Pelco, Clovis, California. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

Pelco assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of the Products. Pelco's liability for any claim, whether based on breach of contract, negligence, infringement of any rights of any party or product liability, relating to the Products shall not exceed the price paid by the Dealer to Pelco for such Products. In no event will Pelco be liable for any special, incidental or consequential damages (including loss of use, loss of profit and claims of third parties) however caused, whether by the negligence of Pelco or otherwise.

The above warranty provides the Dealer with specific legal rights. The Dealer may also have additional rights, which are subject to variation from state to state.

If a warranty repair is required, the Dealer must contact Pelco at (800) 289-9100 or (559) 292-1981 to obtain a Repair Authorization number (RA), and provide the following information:

1. Model and serial number
2. Date of shipment, P.O. number, Sales Order number, or Pelco invoice number
3. Details of the defect or problem

If there is a dispute regarding the warranty of a product which does not fall under the warranty conditions stated above, please include a written explanation with the product when returned.

Method of return shipment shall be the same or equal to the method by which the item was received by Pelco.

RETURNS

In order to expedite parts returned to the factory for repair or credit, please call the factory at (800) 289-9100 or (559) 292-1981 to obtain an authorization number (CA number if returned for credit, and RA number if returned for repair).

All merchandise returned for credit may be subject to a 20% restocking and refurbishing charge.

Goods returned for repair or credit should be clearly identified with the assigned CA or RA number and freight should be prepaid. Ship to the appropriate address below.

If you are located within the continental U.S., Alaska, Hawaii or Puerto Rico, send goods to:

Service Department
Pelco
3500 Pelco Way
Clovis, CA 93612-5699

If you are located outside the continental U.S., Alaska, Hawaii or Puerto Rico and are instructed to return goods to the USA, you may do one of the following:

If the goods are to be sent by a COURIER SERVICE, send the goods to:

Pelco
3500 Pelco Way
Clovis, CA 93612-5699 USA

If the goods are to be sent by a FREIGHT FORWARDER, send the goods to:

Pelco c/o Expeditors
473 Eccles Avenue
South San Francisco, CA 94080 USA
Phone: 650-737-1700
Fax: 650-737-0933



This equipment contains electrical or electronic components that must be recycled properly to comply with Directive 2002/96/EC of the European Union regarding the disposal of waste electrical and electronic equipment (WEEE). Contact your local dealer for procedures for recycling this equipment.



Pelco

3500 Pelco Way, Clovis, CA 93612-5699 • (559) 292-1981 • (800) 289-9100
FAX (559) 292-3827 • (800) 289-9150 • www.pelco.com

International customers call 1-559-292-1981 or FAX 1-559-348-1120

(Product specifications subject to change without notice.)

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